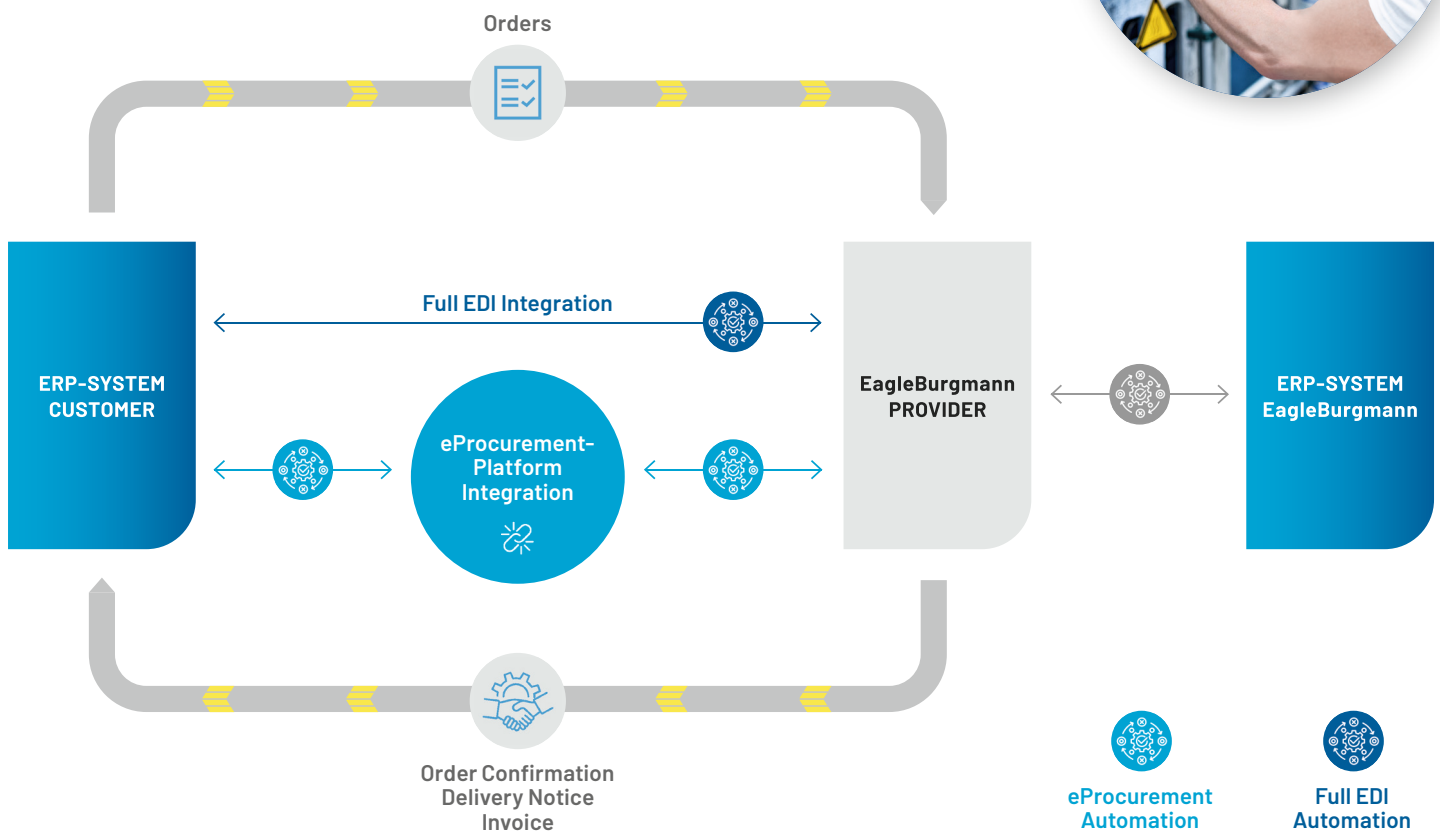


RELY ON EXCELLENCE

Smart Ordering Channels: PCK Relies On Digital Solutions With EagleBurgmann



To reduce bottlenecks and avoid downtimes, companies are increasingly opting for digital procurement solutions. Electronic Data Interchange (EDI) with EagleBurgmann ensures the supply of spare parts and availability of important components.

Unplanned production shutdowns are one of the biggest challenges for many industries. Every failure causes high costs and shakes entire supply chains. Components that are indispensable for the safe operation of machines – such as industrial seals – are particularly critical. They prevent leaks, protect people and the environ-

ment and ensure that processes run smoothly. But what happens if a seal needs to be replaced and is not available on time?

Electronic Data Interchange (EDI) with EagleBurgmann supports companies in optimizing their spare parts supply, reducing bottlenecks and avoiding downtimes. Through automated ordering processes, EDI ensures reliably that the required sealing components are available in time and in the right quantities at the customer's premises. The example of the PCK refinery in Schwedt shows what this looks like in practice.



1 PREREQUISITES



- Global strategy with EagleBurgmann

2 PLAN



- Kick-off-meeting
- Define project scope
- Document business rules
- Confirm resources are in place
- Commitment from all parties

3 DESIGN



- Customer's technical solution defined
- Relationship established in eProcurement-Platform or EDI system
- Test scenario's defined

4 BUILD



- EagleBurgmann develops mapping requirements
- Establish connectivity
- Submit sample documents for validation
- SIT testing (System Integration)

5 TEST



- UAT testing with pre-defined test scripts
- Validation if solution meets requirements
- Formal sign-off and acceptance

6 DEPLOY



- Migration to production
- EagleBurgmann migrates maps to production
- eProcurement-Platform account or EDI connection is setup in production

7 GO LIVE



- Confirm transactions in production
- System integration with post-go-live support (2 weeks)
- Project close

Optimized spare parts supply

At PCK, pumps and seals are essential for operation. If a seal fails, a replacement must be found quickly. In the past, this process was very time-consuming: orders were processed manually, availabilities had to be clarified by phone or email, and delivery times could vary.

In order to optimize the supply of spare parts for its mechanical seals, packings and gaskets, PCK decided to start an EDI integration with EagleBurgmann in 2023. The digital interface ensures that spare parts orders are automatically triggered as soon as a defined minimum stock level is reached. „The effort we used to put into purchasing spare parts was immense and increasingly difficult to manage in view of the total number of around 20,000 items to be kept at the site,“ explains Frank Stargardt, former section manager for contractor management and services at PCK, who is now responsible for innovation and further development in maintenance. „Automation via EDI and direct communication between our ERP systems significantly simplifies these processes for our employees, gives us planning security and ensures that we don't have to worry about bottlenecks.“

01

Establish Technical Connection

(eProcurement-Platform or EDI)



02

Map Order Documents

(Mapping of purchase order, order confirmation and advance shipping notice field with delta files, guides and calls)



03

Exchange Master Data

(to compare product codes, prices, units, plants, etc.)



04

Test Solution

(Customer and EagleBurgmann)



05

Go-live and Support

(After go-live the hypercare phase lasts for two weeks)



Smooth integration

With EDI, the entire ordering process between PCK and EagleBurgmann runs seamlessly: In the event of low inventory, orders for seal spare parts are automatically triggered and transmitted without errors. Subsequently, order confirmation and shipping take place without further manual steps. This accelerates procurement processes and makes internal processes more effective. Forgotten reorders are a thing of the past, with the only prerequisite being the synchronization of article numbers in the communicating ERP systems. „EDI enables us to better plan customer requirements and deliveries,” confirms Alexander Eick, Sales & Service Manager at EagleBurgmann. Together with project manager Daniel Neitzke, he played a key role in the introduction of EDI at PCK from the EagleBurgmann Service Center in Schwedt. „This

not only allows us to produce exact quantities, but also to ship the required parts in a more targeted manner. This eliminates the need for transportation routes and reduces paper consumption, which means considerable advantages in terms of sustainability”, Eick continues. The integration also went smoothly. First, a secure technical communication link was established and test data was exchanged to ensure error-free integration. The changeover to automated processes was thus successful without any technical or organizational hurdles.

And the digital interface brings another advantage: „For us, this has freed up time for value-adding work. Not to mention, that we save large quantities of paper and thus also costs,” says Virginia Mundt, warehouse manager at PCK. The company plans to further use the data obtained through EDI

to create even more accurate demand forecasts. As part of a network with various IT companies, PCK is currently in the process of developing algorithms for needs analysis and forecasted consumption. By continuously optimizing the supply of spare parts, the company aims to further increase efficiency and production reliability while conserving valuable resources.

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